Vol. 293, Nos. 1–2 Clinica Chimica Acta March 2000

CONTENTS

Cited in: *Biological Abstracts—Elsevier BIOBASE/Current Awareness in Biological Sciences—Chemical Abstracts—Current Contents/Life Sciences—EMBASE Excerpta Medica—Index Medicus—Clinical Chemistry Lookout—Current Clinical Chemistry—Informedicus—PASCALM—Reference Update—Current Clinical Cancer*

Reviews

Thyrotropin-receptor antibodies in thyroid diseases: advances in detection techniques and clinical applications
M.K. Gupta (USA) 1

Markers of inflammation as predictors in cardiovascular disease
F. Van Lente (USA) 31

Research articles

Free radicals antioxidant enzymes and lipid peroxidation in different types of leukemias
G.S. Devi, M.H. Prasad, I. Saraswathi, D. Raghu, D.N. Rao and P.P. Reddy (India) 53

Marked decrease in plasma apolipoprotein A-I and high density lipoprotein-cholesterol in a case with Werner syndrome
J. Kobayashi, S. Murano, K. Yokote, S. Mori, A. Matsunaga, J. Sasaki, K. Takahashi, H. Bujo and Y. Saito (Japan) 63

Pvu II intron 15 polymorphism at the LDL receptor gene is associated with differences in serum lipid concentrations in subjects with low and high risk for coronary artery disease from Brazil
L.A. Salazar, M.H. Hirata, N. Forti, J. Diament, S.D. Giannini, J.S. Issa and R.D.C. Hirata (Brazil) 75

Assay of a seric human hexapeptide (HWESAS) using a monoclonal antibody and ELISA
J. Capiaumont, C. Jacob, M. Sarem, P. Nabet, F. Belleville and B. Dousset (France) 89

Cell adhesion molecules – can they be used to predict coronary artery disease in patients with familial hypercholesterolaemia?
J.E. Paiker, F.J. Raal, M. Veller, M. von Arb, N. Chetty and N.H. Naran (South Africa) 105

A new method for the determination of sulphide in gastrointestinal contents and whole blood by microdistillation and ion chromatography
C.J. Richardson, E.A.M. Magee and J.H. Cummings (UK) 115

(continued on inside back cover)

CONTENTS Direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **www.elsevier.nl/locate/contentsdirect**

0009-8981(200003)293:1/2;1-U

05097

(continued from back cover)

Total iron-binding capacity and serum transferrin determination under the influence of several clinical conditions
R. Gottschalk, R. Wigand, C.F. Dietrich, G. Oremek, F. Liebisch, D. Hoelzer and J.P. Kaltwasser (Germany) 127

The acute coronary syndrome diagnosis and prognostic evaluation by troponin I is influenced by the test system affinity to different troponin complexes
M. Möckel, G. Heller Jr., K. Berg, F.-R. Klefisch, O. Danne, C. Müller, T.V. Störk, U. Frei and A.H.B. Wu (Germany, USA) 139

A microtiter plate assay for superoxide dismutase using a water-soluble tetrazolium salt (WST-1)
A.V. Peskin and C.C. Winterbourn (New Zealand) 157

Non-cardiac nucleic acid composition and protein synthesis rates in hypertension: studies on the spontaneously hypertensive rat (SHR) model
V.B. Patel, P.J. Richardson and V.R. Preedy (UK) 167

Rapid analysis of cation constituents of urine by capillary electrophoresis
V. Olšauskaite, V. Paliulionyte and A. Padarauskas (Lithuania) 181

Determination of trace elements and calcium in bone of the human iliac crest by atomic absorption spectrometry
J. Ščančar, R. Milačič, M. Benedik and P. Bukovec (Slovenia) 187

Limitations on the quantitative determination of telomerase activity by the electrophoretic and ELISA based TRAP assays
Y.-Y. Wu, A.M. Hruszkewycz, R.M. Delgado, A. Yang, A.O. Vortmeyer, Y.-W. Moon, R.J. Weil, Z. Zhuang and A.T. Remaley (USA) 199

Quantitative assessment of apolipoprotein E genotypes by image analysis of PCR–RFLP fragments
Y.-Y. Wu, R. Delgado, R. Costello, T. Sunderland, R. Dukoff and G. Csako (USA) 213

Short communication

Differential modulation by native and glycated low density lipoproteins of peripheral blood mononuclear cells proliferation induced by phytohemagglutinin in insulin-dependent diabetes mellitus patients
M. González, I. Sanz, V. Silva, S. Asenjo, A. Gleisner and M. Bustamante (Chile) 223

Calendar 229
Author index 231
Subject index 233
Instructions to Authors 237